

Slide Potentiometer Compact Reflow type

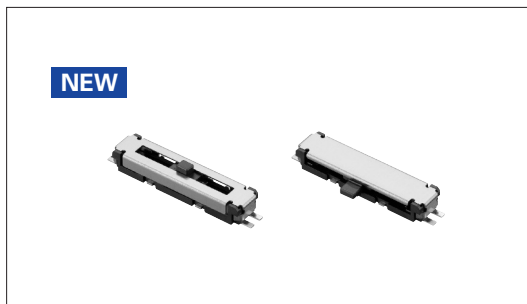
RS08 Series



High precision space saving design helps smaller and lighter set.

Rotary Potentiometers
Slide Potentiometers

General-use
Mixer



Typical Specifications

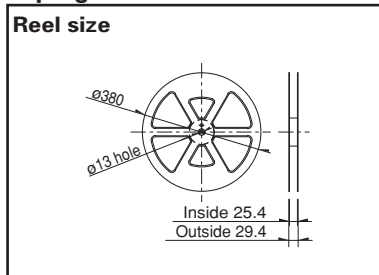
Items	Specifications
Total resistance tolerance	±30%
Maximum operating voltage	5V DC
Operating force	0.17±0.15N
Operating life	10,000cycles
Operating temperature range	-10°C to +70°C

Product Line

Type	Travel (mm)	Length of lever (mm)	Minimum order unit (pcs.)	Product No.	Drawing No.
Vertical	8mm	0.6	9,000	RS08U111Z001	1
Horizontal		1.3		RS08U11AZ001	2

Packing Specifications

Taping Unit:mm








Packing Specifications	Number of packages (pcs.)		Tape width (mm)	Export package measurements (mm)
	1 case /Japan	1 case /export packing		
Taping	9,000	9,000	24	405 × 405 × 228

Dimensions

Unit:mm

No.	Photo	Style	PC board mounting hole dimensions
1	Vertical		
2	Horizontal		

List of Varieties

Type	Super Slide™		Slim Slide™ (Slim4)				Compact Reflow Type		
	RS□□11□		RS□□H1□				RS08		
photo									
Travel (mm)	15 20 30 45 60		15 20 30	15 20 30	15 20 30	15 20 30	8		
Number of resistor elements	Single-unit	Dual-unit	Single-unit	Dual-unit	Single-unit	Dual-unit	Single-unit		
Automotive use	○	○	—	—	—	—	—	—	
Direction of lever	Vertical				Horizontal		Vertical	Horizontal	
Electrical Performance	Total resistance (kΩ)	10, 20, 50, 100, 200		5, 10, 20, 50, 100, 200, 250				10	
	Resistance taper	15A, 1B, 4B, 10A, 3B, 15C		15A, 1B, 3B				1B	
Mechanical Performance	Operating force	0.3 to 2.5N		0.2 to 1.1N				0.17±0.15N	
	Stopper strength	50N		30N				5N	
	Lever push-pull strength	50N		30N				5N	
	Lever wobble (mm) ※Both sides	$\frac{2(2 \times L)}{20}$		1.6 max.				—————	
	Detent slip-out force	Operating force+ (0.2 to 2N)		Operating force+ (0.05 to 0.8N)				—————	
	Lever deviation (mm) ※One side	0.5 max.		—————				—————	
Solder heat resistance	Manual soldering	350°C max. 3s max.						—————	
	Dip soldering	260°C max. 5s max.						—————	
	Reflow soldering	—————						250°C max. 3s max.	
Environmental Performance	Cold	-30±2°C for 96h							
	Dry heat	70±2°C for 96h							
	Damp heat	40±2°C, 90 to 95%RH for 96h							
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● Slide Potentiometers Cautions441, 442

Notes

- "L" in the "Lever Wobble" column of the above table indicates the length of lever.
- Products other than those listed in the above list are also available. Please contact us for details.
- 「RS□□」 □□ indicates travel.
- marks in "Available for automotive use" indicate that some of the series products can work at the operating temperature range from -40°C to +85°C.